

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-207098
(43)Date of publication of application : 31.07.2001

(51)Int.Cl. C09D 11/02

(21)Application number : 2000-021083 (71)Applicant : TOYO INK MFG CO LTD
(22)Date of filing : 31.01.2000 (72)Inventor : YOSHIHIRO YASUO
NAKANO KAORI
ARIKAWA AKIRA
IIDA YASU HARU

(54) ACTIVE ENERGY RAY CURABLE INKJET INK

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an inkjet ink which improves the dispersibility of a pigment and has good dispersion stability and discharge stability at a nozzle, and an active energy ray curable inkjet ink whose recorded products have high transparency and which can be quickly dried even with a nonpermeable medium to be recorded to obtain recorded products having good durability, and further, excels in gloss.

SOLUTION: This active energy ray curable inkjet ink contains a pigment, a compound having two or more ethylenic double bonds, N-vinylformamide and, in addition, a pigment dispersing agent, a photopolymerization initiator, an ethylenic double bond-free resin, and a solvent.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]